

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/001467

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 B01J 20/18**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B01J, B32B, C08B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/96106 A1 (Yoon, Kyung Byung) 20 December 2001 see the whole document	1 - 4
A	JP 1999-000556 A (Akita Pref Gov.) 06 January 1999 see the whole document	1 - 4
A	US 2003/0022574 A1 (The Procter & Gamble Company) 30 January 2003 see the whole document	1 - 4
A	JP 1989-040501 A (Asahi Glass Co., Ltd.) 10 February 1989 see the whole document	1 - 4

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

26 OCTOBER 2004 (26.10.2004)

Date of mailing of the international search report

**26 OCTOBER 2004 (26.10.2004)**

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/001467

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 01/96106 A1	20.12.2001	KR 2001096777 A	08.11.2001
JP 1999-000556 A	06.01.1999	none	
US 2003/0022574 A1	30.01.2003	EP 1149596 A1 AU 200157205 A5 CA 2405618 AA WO 200180915 A1 EP 1276514 A1	31.10.2001 07.11.2001 01.11.2001 01.11.2001 22.01.2003
JP 1989-040501 A	10.02.1989	none	